

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

**Base Year Modification Request Certification****Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

**California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, 9th Floor  
PO Box 4025  
Sacramento, CA 95812-4025**

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

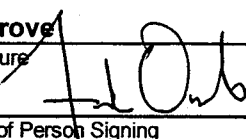
**X 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.**

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name <b>City of Elk Grove</b>		County <b>Sacramento County</b>	
Authorized Signature 		Title <b>Assistant to the City Manager</b>	
Type/Print Name of Person Signing <b>Frank J. Oviedo</b>	Date <b>1/28/04</b>	Phone ( ) <b>(916) 478-2283</b>	
Person Completing This Form (please print or type) <b>Jim Greco</b>		Title <b>Owner/Principal</b>	
Affiliation:	<b>California Waste Associates</b>		
Mailing Address	City	State	ZIP Code
<b>P. O. Box 5177</b>	<b>El Dorado Hills</b>	<b>CA</b>	<b>95762</b>
E-mail address <b>igwaste@aol.com</b>			

**Section II: Information for New Generation-Based Study for Existing or New Base Year**

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

*Note: New base years must be representative of a jurisdiction's disposal and diversion.*

1. Current Board-approved base-year:	2. Proposed new generation-based study year:
Not Applicable	2002

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The City has contacted a number of waste generators and obtained information about diversion programs, including, in many cases, weighed and/or estimated tonnage. The proposed new base year reflects the most complete effort to date to define diversion activities and quantify their results. The City feels that the accuracy of the diversion study is comparable to prior studies conducted in the greater Sacramento area and may even surpass the comprehensiveness and accuracy of prior studies.

**4. Enter your diversion rates below.**

Diversion rate calculated using existing base year	a. N/A %	Diversion rate calculated using new generation-based study	b. 55.1 %
For existing base year pounds/person/day based on generation	N/A	For new generation based study pounds/person/day based on generation	13.0
Residential generation N/A	Non-Residential Generation N/A	Residential generation 24%	Non-Residential Generation 76%
Population existing generation-based study N/A		Population new generation-based study 81,400	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Elk Grove is a newly incorporated city preparing its first base year solid waste generation study. This study will establish the City's New Base Year. Prior to incorporation, the County implemented diversion programs on a countywide basis. Many programs were started by the County (e.g., residential curbside collection of commingled recyclables and yard waste, backyard composting, buyback centers) or encouraged by the County (e.g., commercial recyclables collection, facility diversion). However, there was never a need to record ongoing diversion performance except for the contractor residential collection programs. The City has built upon these programs and surveyed many waste generators. extensive information was obtained which now enables toe City to better quantify diversion and support programs.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Because this study is the first effort to establish a base year waste generation level and diversion rate, no comparison can be done.

<b>7. Disposal Tonnage: (enter values)</b>	27,264	59129	86393
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

**8.** In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type's (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm">http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm</a>	(A)	(A/Total Generation)			
<b>Residential Activities:</b>					
<b>Source Reduction</b>					
Yard/Garage Sales (PARIS 1060)	3.00	0.00%	Clothing, furniture, toys, housewares, tools	Weighed samples of various items.	Memos, photos, survey form (City).
<b>Other Residential source reduction (list each program separately)</b>					
Reuse (PARIS 1060)	1,208.00	0.63%	Donated clothing, furniture, toys	60 pounds per donor.	Goodwill Industries records based upon periodic weight estimation.
Enter program name		0.00%			
Enter program name		0.00%			
Enter program name		0.00%			
Enter program name		0.00%			

<b>Subtotal Residential Source Reduction</b>	<b>1,211.00</b>	<b>0.63%</b>			
<b>Recycling</b>					
Curbside Recycling (PARIS 2000)	6,494.00	3.37%	Mixed paper, news, CB, and other recyclable materials (Al, plastic, glass, metal cans)	Central Valley Waste Services (CVWS), City's collector, weight records.	CVWS
Buyback Centers (PARIS 2020)	394.00	0.20%	CRV containers	Source: DOC	Letter, report (City)
Drop-off Centers (PARIS 2010)	0.00	0.00%			
<b>Other Residential recycling</b> <input type="checkbox"/> (list each program separately)					
Special Collection Events (PARIS 2080)	110.00	0.06%	Appliances, metals, YW	CVWS estimates	CVWS
Special/Xmas Trees (PARIS 2070)	0.00	0.00%	Christmas Trees	CVWS (included w/ PARIS 3000)	CVWS
ADC (PARIS 7040)	1,106.00	0.57%	Grass clippings, tree limbs and trimmings.	Disposal Reporting System	CIWMB
Enter program name					
Enter program name					
<b>Subtotal Residential Recycling</b>	<b>8,104.00</b>	<b>4.21%</b>			
<b>Composting</b>					
Curbside GW (PARIS 3000)	11,174.00	5.81%	Yard Waste	CVWS truck weight tickets	CVWS
<b>Other Residential composting</b> (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Composting</b>	<b>11,174.00</b>	<b>5.81%</b>			
<b>Subtotal Residential Diversion</b>	<b>20,489.00</b>	<b>10.65%</b>			
<b>Non-Residential Activities:</b>					
<b>Source Reduction</b>					
Non-Residential Waste Audits*					
<b>Other non-Residential source reduction</b> (list each program separately)					

Grasscycling (PARIS 1000)	5,698.00	2.96%	Grass clippings	0.1466 tons/week, 852.61 mowable acres. Source: CIWMB, Z. Poulson	Survey forms, supporting records (City).
Business SR (PARIS 1020)	299.00	0.16%	Donated produce, food shelf items to Food Banks.	Source: grocers	Diversion survey form
Business SR (PARIS 1020)	5.00	0.00%	Paper w/ 30% recycled content.	Copy Center estimates	City
Business SR (PARIS 1020)	1,296.00	0.67%	Pallets repaired and sold for reuse.	40 pounds per pallet, one time use.	City, pallet repair firm
Enter program name					
<b>Subtotal Non-Residential Source Reduction</b>	<b>7,298.00</b>	<b>3.79%</b>			
<b>Recycling</b>					
Non-Residential Waste Audits*					
<b>Other non-Residential recycling (list each program separately)</b>					
Commercial Onsite P/U (PARIS 2030)	9,181.00	4.77%	Cardboard, mixed paper, YW	Commercial collector surveys	City
Commercial Selfhaul (PARIS 2040)	5,326.00	2.77%	Cardboard, mixed paper	Source: Businesses	Survey forms, supporting records (City).
Other/Recyclers (PARIS 2090)	1,055.00	0.55%	Cardboard, mixed paper.	Paper processor weighed loads	Paper processor, City
MRF, Recycling Ctrs (PARIS 7000)	9,960.00	5.17%	CB, mixed paper, metals, other recyclable commodities	Facility operator records based on weighed loads	Facilities, City
Landfill Salvage (PARIS 7010)	5,486.00	2.85%	Metals, YW, broken concrete	County weight records	Sac County WM&RD
Transfer Station Salvage (PARIS 7020)	32.00	0.02%	Miscellaneous	County weight records	Sac County WM&RD
ADC (PARIS 7040)	1,683.00	0.87%	Green waste	CIWMB DRS	CIWMB
<b>Subtotal Non-Residential Recycling</b>	<b>32,723.00</b>	<b>17.00%</b>			
<b>Composting</b>					
Non-Residential Waste Audits*					
<b>Other non-Residential composting (list each program separately)</b>					
Composting Facility (PARIS 7030)	46.00	0.02%	Wood waste	Facility operator	E-mail (City)
Enter program name					

Enter program name					
<b>Subtotal Non-Residential Composting</b>	<b>46.00</b>	<b>0.02%</b>			
<b>Subtotal Non-Residential Diversion</b>	<b>40,067.00</b>	<b>20.82%</b>			
<b>Residential/Non- Residential Diversion Activities</b>					
Scrap Metal (PARIS 4040)	252.00	0.13%	Scrap metals	Wood processor	Wood processor, City
Wood Waste (PARIS 4050)	6,988.00	3.63%	Wood	Wood processor for particle board, decking mfr	Wood processor, City
Rubble/Asphalt/Concrete (PARIS 4060)	37,423.00	19.44%	Broken asphalt and concrete	Survey forms, letters from aggregate processors, LF closure road	Businesses, City
Rendering (PARIS 4090)	854.00	0.44%	Bone, fat, grease, vegetable	Source: Grocers, renderer	Diversion survey forms (City)
<b>Subtotal Residential/Non-Residential diversion</b>	<b>45,517.00</b>	<b>23.65%</b>			
<b>Total Diversion Tons</b>	<b>106,073.00</b>	<b>55.11%</b>			
<b>Total Disposal Tons from Sec.7</b>	<b>86,393.00</b>	<b>44.89%</b>			
<b>Total Generation Tons (Div+Dis)</b>	<b>192,466.00</b>				

### 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

**(Form will perform all addition calculations).**

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number *	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Grocer A	22	Donated food, CB, mixed paper, plastic film, rendering	13.00	4326.00		4339.00	2.3%	P, M
EG Community Servcs	17	Grasscycling	2379.00			2379.00	1.2%	P, M, O
EG Unified School Distr	18	Grasscycling	2062.00			2062.00	1.1%	P, M, O
Valley Hi Golf Course	34	Grasscycling	1105.00			1105.00	0.6%	P, M, O
Grocer C	24	Donated food, CB, mixed paper, plastic film, rendering	286.00	575.00		861.00	0.4%	P, M
Grocer B	23	CB, mixed paper, plastic film, rendering		557.00		557.00	0.3%	P, M
Emerald Lakes GC	19	Grasscycling	152.00			152.00	0.1%	P, M, O
Discount Dept Store	15	CB recycling		109.00		109.00	0.1%	P, M, O
Lumber Company	25	Wood trim ends for pallet mfr		10.00		10.00	0.0%	P, M, O
Copy Center	13	Paper reduction, CB recycling	5.00	2.00		7.00	0.0%	P, M, O
United Methodist Church	7	Rummage sales (clothing, furniture, toys, etc.)	3.00			3.00	0.0%	P, M, O
<b>Totals</b>			<b>6005.00</b>	<b>5579.00</b>		<b>11584.00</b>	<b>6.0%</b>	

Please see Table 3 and Section 5.0 in the report titled "City of Elk Grove Solid Waste Generation Study for 2002" dated November 14, 2003.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inerts	Aggregate Processor B	1999	15000
Inerts	Aggregate Processor B	1999	9128
Inerts	Aggregate Processor B	2000	3930
Inerts	Aggregate Processor B	1999	2215
Inerts	LF Owner/Closure Perimeter Road	2002	7150
Scrap Metals	Wood Processor A	1993	252

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. \_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				



**10b.** If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.)